PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 7425-23/PAR	FOR FURTHER ACTION		Transmittal of International Search Report 220) as well as, where applicable, item 5 below.
International application No.	International filing date(de	ty/month/year)	(Earliest) Priority Date (day/month/year)
PCT/CA 97/00051	27/01/199	77	26/01/1996
Applicant			
HSC RESEARCH AND DEVELOPM	ENT LIMITED	. et al.	
This International Search Report has been according to Article 18. A copy is being	n prepared by this Internation	onal Searching Aut nal Bureau.	hority and is transmitted to the applicant
This International Search Report consists [X] It is also accompanied by a cop		sheets. Laited in this repor	· .
1. X Certain claims were found unser	archable (see Box I).		
2. Unity of invention is lacking (see	e Box II).		,
3. X The international application of international search was carried	ontains disclosure of a ancies I out on the basis of the sequ	tide and/or amino s ence listing	acid sequence listing and the
	d with the international appli		
· fur	nished by the applicant separ	ately from the inte	mational application,
	but not accompanied b matter going beyond th	y a statement to the disclosure in the	e effect that it did not include international application as filed.
Tra	unscribed by this Authority		
4. With regard to the title, X the	text is approved as submitte	d by the applicant.	
the	text has been established by	this Authority to	read as follows:
5. With regard to the abstract,	text is approved as submitte	ed hu the analisant	
	tent has been established, ac	cording to Rule 38	
Se	arch Report, submit commen	its to this Authorit	y.
6. The figure of the drawings to be put	olished with the abstract is:		
Figure No 2s	suggested by the applicant.		None of the figures.
	cause the applicant failed to		
_ be	cause this figure better chara	cterizes the inventi	on.
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/CA 97/00051

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: 82,83 because they relate to subject matter not required to be searched by this Authority, namely: Remark: Although these claims are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful (International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searches without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

into nal Application No PCT/CA 97/00051

A. CLASSIFICATION OF SUBJECT MATTER
1PC 6 C12N15/12 C12N15/74 C12N5/10 C07K14/47 C07K16/18 G01N33/577 C12Q1/68 A61K31/70 A61K38/17 A01K67/027 A61K48/00 A61K39/395 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) CO7K AO1K C12N GO1N C12Q IPC 6 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages 1-12, THE JOURNAL OF BIOLOGICAL CHEMISTRY, Χ vol. 270, no. 35, 1 September 1995, 18-20, pages 20615-20620, XP002029380 30,31, 34, JOHANSSON, E., ET AL . ON: "MOLECULAR 41-47,49 CLONING AND EXPRESSION OF A PITUITARY GLAND PROTEIN MODULATING INTESTINAL FLUID SECRETION* cited in the application see the whole document -/--Patent family members are listed in annex Further documents are listed in the continuation of box C. Special categories of cited documents: T later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to عندك وسلت involve an inventive step when the document is taken alone "U" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person stilled other mean in the art. document published prior to the international filing date but later than the priority date claimed '&' document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international scarch 25.04.97 14 April 1997 Authorized officer Name and mailing address of the ISA European Patent Offics, P.B. 5818 Patentiaan 2 NL - 2220 HV Rijswijk Tel. (+31-70) 340-2040, Tr. 31 651 epo nl, Fax (+31-70) 340-3016 Holtorf, S



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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	EMBL SEQUENCE DATA LIBRARY, 20 December 1994, HEIDELBERG, GERMANY, XP002029381 PAWLAK, A., ET AL .: "CHARACTERIZATION OF A LARGE POPULATION OF mRNAS FROM HUMAN TESTIS" cited in the application ACCESSION No. T18858 see the whole document	1-12, 18-20, 30,31,34		
X	EMBL SEQUENCE DATA LIBRARY, 17 February 1995, HEIDELBERG, GERMANY, XP002029382 AUFFRAY, C., ET AL.: "IMAGE: INTEGRATED MOLECULAR ANALYSIS OF THE HUMAN GENOME AND ITS EXPRESSION" cited in the application ACCESSION No. F08730 see the whole document	1-12, 18-20, 30,31, 34, 41-47,49		
X	EMBL SEQUENCE DATA LIBRARY, 22 July 1994, HEIDELBERG, GERMANY, XP002029383 ZAHRAOUI, A., ET AL .: "CODING SEQUENCES OF HUMAN Rab8 AND Rab11 cDNAs" cited in the application ACCESSION No. X56740 see the whole document	1-12, 18-20, 30,31, 34, 41-47,49		
	EMBL SEQUENCE DATA LIBRARY, 19 February 1991, HEIDELBERG, GERMANY, XP002029384 DRIVAS, G.T., ET AL.: "IDENTIFICATION AND CHARACTERIZATION OF A HUMAN HOMOLOG OF THE SCHIZOSACCHAROMYCES POMBE RAS-LIKE GENE YPT-3" cited in the application ACCESSION No. X53143 see the whole document	1-12, 18-20, 30,31, 34, 41-47,49		
X	EMBL SEQUENCE DATA LIBRARY, 7 February 1992, HEIDELBERG, GERMANY, XP002029385 CHAMBON,P., ET AL .: "PURIFICATION, CLONING, AND RXR IDENTITY OF THE HELA CELL FACTOR WITH WHICH RAR OR TR HETERODIMERIZES TO BIND TARGET SEQUENCES EFFICIENTLY" cited in the application ACCESSION No. M84820 see the whole document	1-12, 18-20, 30,31, 34, 41-47,49		

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT Category Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.			
EMBL SEQUENCE DATA LIBRARY, 31 March 1992, HEIDELBERG, GERMANY, XP002029386 FLEISCHHAUER, K., ET AL .: "ISOLATION OF A FULL-LENGTH CONA CLONE ENCODING A N-TERMINALLY VARIANT FORM OF THE HUMAN RETINOID X RECEPTOR BETA" cited in the application ACCESSION No. X63522 see the whole document	1-12, 18-20, 30,31, 34, 41-47,49		
EMBL SEQUENCE DATA LIBRARY, 10 December 1991, HEIDELBERG, GERMANY, XP002029387 YU, V.C., ET AL .: "RXR-beta: A COREGULATOR THAT ENHANCES BINDING OF RETINUIC ACID, IHYROID HORMONE, AND VITAMIN D RECEPTORS TO THEIR COGNATE RESPONSE ELEMENTS" cited in the application ACCESSION No. M81766 see the whole document	1-12, 18-20, 30,31, 34, 41-47,49		
EMBL SEQUENCE DATA LIBRARY, 7 January 1995, HEIDELBERG, GERMANY, XP002029388 SEVIGNY,G., ET AL.: "ASSIGNMENT OF THE HUMAN HOMOLOGUE OF THE mTRiC-P5 GENE (TRIC5) TO BAND 1q23 BY FLUORESCENCE IN SITU HYBRIDIZATION" cited in the application ACCESSION No. U17104 see the whole document	1-12, 18-20, 30,31, 34, 41-47,49		
EMBL SEQUENCE DATA LIBRARY, 1 January 1994, HEIDELBERG, GERMANY, XP002029389 WALKLEY, N.A., ET AL .: "CLONING, STRUCTURE AND MRNA EXPRESSION OF HUMAN Cctg, WHICH ENCODES THE CHAPERONIN SUBUNIT CCTgamma" cited in the application ACCESSION No. X74801 see the whole document	1-12, 18-20, 30,31, 34, 41-47,49		
EMBL SEQUENCE DATA LIBRARY, 22 April 1995, HEIDELBERG, GERMANY, XP002029390 HILLIER, L., ET AL.: "THE WashU-MERCK EST PROJECT" cited in the application ACCESSION No. R12984 see the whole document -/	1-12, 18-20, 30,31, 34, 41-47,49		
	EMBL SEQUENCE DATA LIBRARY, 31 March 1992, HEIDELBERG, GERMANY, XP002029386 FLEISCHHAUER, K., ET AL : "ISOLATION OF A TULL-LENGTH CONA CLONE INCODING A N-TERMINALLY VARIANT FORM OF THE HUMAN RETINOID X RECEPTOR BETA" cited in the application ACCESSION NO. X63522 see the whole document EMBL SEQUENCE DATA LIBRARY, 10 December 1991, HEIDELBERG, GERMANY, XP002029387 YU, V.C., ET AL : "RXR-beta: A COREGULATOR THAT ENHANCES BINDING OF RETINUIC ACID, HYROID HORMONE, AND VITAMIN D RECEPTORS TO THEIR COGNATE RESPONSE ELEMENTS" cited in the application ACCESSION NO. M81766 see the whole document EMBL SEQUENCE DATA LIBRARY, 7 January 1995, HEIDELBERG, GERMANY, XP002029388 SEVIGNY,G., ET AL.: "ASSIGNMENT OF THE HUMAN HOMOLOGUE OF THE mTRIC-P5 GENE (TRIC5) TO BAND 1q23 BY FLUORESCENCE IN SITU HYBRIDIZATION" cited in the application ACCESSION NO. U17104 see the whole document EMBL SEQUENCE DATA LIBRARY, 1 January 1994, HEIDELBERG, GERMANY, XP002029389 WALKLEY, N.A., ET AL : "CLONING, STRUCTURE AND mRNA EXPRESSION OF HUMAN CCTG, WHICH ENCODES THE CHAPERONIN SUBUNIT CCTgamma" cited in the application ACCESSION NO. X74801 see the whole document EMBL SEQUENCE DATA LIBRARY, 22 April 1995, HEIDELBERG, GERMANY, XP002029399 HILLIER, L., ET AL : "THE WASHU-MERCK EST PROJECT" cited in the application ACCESSION NO. X74801 see the whole document EMBL SEQUENCE DATA LIBRARY, 22 April 1995, HEIDELBERG, GERMANY, XP002029399 HILLIER, L., ET AL : "THE WASHU-MERCK EST PROJECT" cited in the application ACCESSION NO. R12984 see the whole document		

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT					
ategory *	the section of the se	Relevant to daim No.			
ζ	EMBL SEQUENCE DATA LIBRARY, 25 August 1995, HEIDELBERG, GERMANY, XP002029391 FUJIWARA, T., ET AL .: ""UNPUBLISHED"" cited in the application ACCESSION No. D55326 see the whole document	1-12, 18-20, 30,31,34			
	EMBL SEQUENCE DATA LIBRARY, 6 March 1995, HEIDELBERG, GERMANY, XP002029392 HILLIER,L., ET AL .: "THE WashU-MERCK EST PROJECT" cited in the application ACCESSION No. T64843 see the whole document	1-12, 18-20, 30,31, 34, 41-47,49			
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